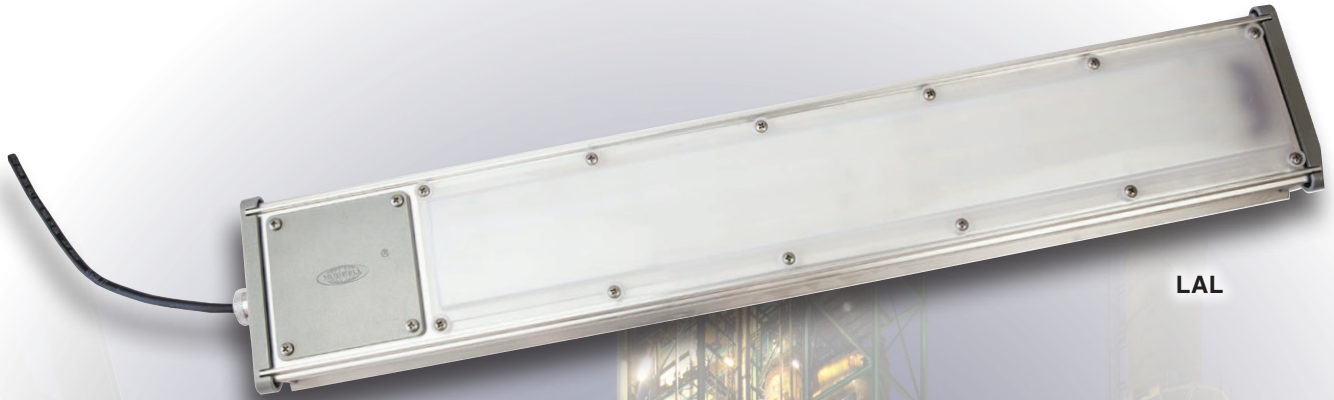


LIGHTING
LINEAR LIGHTING



LINEAR LIGHTING



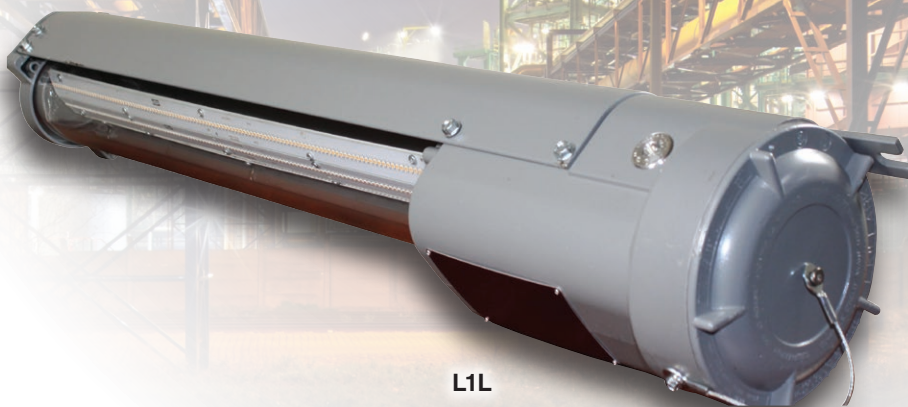
LAL



LALxE



LALFP



L1L



LIGHTING

LAL/LALXE/LALC SERIES

LOW PROFILE LINEAR ALUMINUM LED • EXCLUSIVE DESIGN FEATURES

High temperature rated silicone gasketing provides Type 4X & IP66 sealing.



Diffused



Clear

2 Lens Choices:

- Clear for maximum lumens
- Diffused for glare control

Looping Terminal Blocks under Wiring Access Plate(s).

Optional Through Wiring

2 Access Plates for feed through wiring

Battery

E5, E13 and E26 models include internal Emergency battery systems to 50°C suitability

Surge

Standard with internal 20kA/10kA Supplemental Surge Protection

Endcaps standard with 1 x 3/4" hub. 1/2" NPT and M20 available.

End Caps include feet for direct ceiling mounting and safety cable connection



Shown with LAL-SB Height adjustable Swivel Brackets

Mounting Slots on back and at 45°

Earth

External Earth Ground for IECEx requirement

LIGHTING LAL/LALXE/LALC SERIES



LINEAR[®]LITE[™]

* R marca registrada MEXICO



Class I, Div. 2, Groups A, B, C, D
Class I, Zone 2, Groups IIC, IIB, IIA
Class II, Div. 1 & 2, Groups E, F, G
AEx nAII, Ex nAII
Wet Locations
Type 4X
IP66
Marine Rated (US only)



Certified - File LR11713

IECEx Rated
Zone 2 and Zone 21 areas
Ex nA IIC T6 to T3, Gc
Ex tb IIC T95°C Db
Tamb -50°C < Tz < +65°C, IP66

IECEx Certificate
QPS 15.0010

ATEX Certificate
CML 15ATEX3082X Iss 2
CML 15ATEX4081X Iss 2



FEATURES-SPECIFICATIONS

Features

LAL & LALxE Product Features

- LALxE models have "built-in" battery backup for 90 or 180 minute emergency exit
- Shallow design minimizes profile in work areas with low ceiling heights
- Diffuse Lens Standard to minimize glare; Clear Lens available
- Polycarbonate Single Lens 18W to 60W; Double Lens model 80W & 120W
- Slot Back Design allows multiple mounting access points across length – slots can also be used with 5/16" or 8mm bolts & nuts, 3 housing slots, 1 center back and 2 at 45°.
- Variety of mounting options including swivel brackets, wall, ceiling brackets, or beam clamps
- End Caps each have 2 mounting feet built-in plus a safety strap attachment point
- Standard unit End Caps each have single a 3/4" NPT hub, and fixture is furnished with one 3/4" close-up plug and two 3/4" to 1/2" reducers – provides out of the box 1/2" dead-end to 3/4" feed-through flexibility. Metric openings are available.
- Standard LALs have one wiring Access Plate for easy access to driver leads.

LED Features

- Many Midpower LEDs blend light to simulate fluorescent tubes
- Chromaticity outputs:
 standard – 5000K 70 CRI
 3590 option – 3500K 90 CRI
 3070 option – 3000K 70 CRI
- 3590 option is not available on the LALC
- 3070 option is only available on the LALC 15-45 watt.
- Energy Savings – High lumens per watt
- LED Array Life – 100,000+ hours with 70% initial lumens
- Long Fixture Life – 50,000 - 55,000 maintenance free hours

Materials

- Housing – one piece natural finish < .1% copper-free aluminum extrusion
- Endcaps & wiring – Access covers are copper-free (< .4%) aluminum with gray baked powder epoxy-polyester finish, electrostatically applied for complete uniform corrosion resistance.
- External screws are 316 stainless steel
- Lens – Impact resistant polycarbonate lens available in diffuse or clear

Electrical Ratings

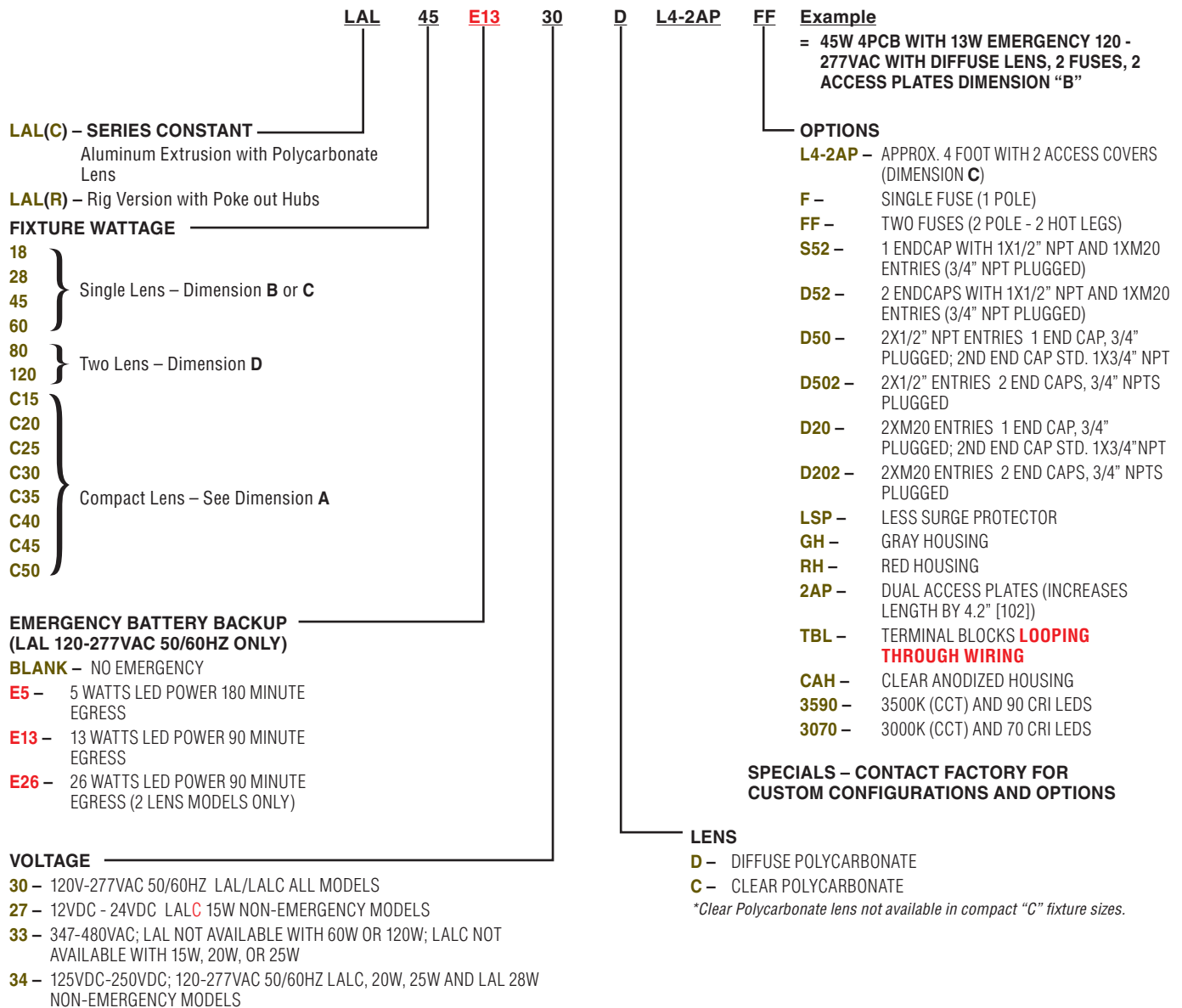
- Ambient suitability -40°C to 65°C (see tables). -20°C to 50°C Ambient suitability for Emergency models.
- Instant On – Including after power interruption
- World Voltage 120 - 277VAC 50/60Hz
- Solder-LESS LED Board Connections – Vibration Resistant
- Supplemental 20KA/10KV Surge Protection is standard (for 120-277 VAC models) 10KA/10KV Surge Protection (for 347-480 VAC)



LIGHTING

LAL/LALXE/LALC SERIES

CATALOG LOGIC



Energy Savings

LED VS FLUORESCENT WATTAGE & DELIVERED LUMENS					
CATALOG NUMBER	LUMENS	L/W	FLUORESCENT		L/W
LAL1830C	2479	138	40W	1x40W BX	63
LAL2830C	3624	129	55W	1x55W BX	65
LAL4530C	5515	122	56W	2x28T5	71
			64W	2x32T8	80
LAL6030C	7709	128	108W	2x54T5HO	67
			120W	2x60T12HO	56
LAL8030C	11032	138	162W	3x54T5HO	65

LIGHTING

LAL/LALXE/LALC SERIES



ORDERING INFORMATION

ORDERING INFORMATION AND AMBIENT SUITABILITY							C1D2 ABCD/ ZONE 2 IIC, IIB, IIA			C1D2 GRPS. EFG SIMULTANEOUS			C2D1 GRPS. EFG			IEC ZONE 2			IEC ZONE 21		
CATALOG NUMBER W/ DIFFUSE LENS	WEIGHT LBS./KG	WATTS STD. POWER	LENGTH STYLE - INCHES (MM)	VOLTAGE	AMPS	DELIVERED LUMENS DIFFUSE/ CLEAR	40°C	55°C	65°C	40°C	55°C	65°C	40°C	55°C	65°C	40°C	55°C	65°C	40°C	55°C	65°C
LAL1830D	17.9 / 8.1	18	B-32.6 (828)	120-277VAC	0.15 - 0.06	2272 / 2479	T6	T6	T5	T4A	T4A	T4A	T4A	T4A	T4A	T6	T6	T5	T4	T4	T4
LAL2830D	17.9 / 8.1	28	B-32.6 (828)		0.23 - 0.10	3321 / 3624	T6	T6	T5	T4A	T4A	T4A	T4A	T4A	T4A	T6	T6	T5	T4	T4	T4
LAL4530D	17.9 / 8.1	45	B-32.6 (828)		0.38 - 0.16	5054 / 5515	T6	T5	—	T4A	T4A	T4A	T4A	T4A	T4A	T6	T5	T5	T4	T4	T4
LAL6030D	18.9 / 8.6	60	B-32.6 (828)		0.50 - 0.22	7064 / 7709	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	T4	—
LAL8030D	34.5 / 15.6	80	D-57.9 (1471)	120-277VAC	0.67 - 0.29	10110 / 11032	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	T4	—
LAL12030D	36.5 / 16.6	120	D-57.9 (1471)		1.00 - 0.43	15090 / 16467	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	T4	—
LALC1527D	12.03 / 4.49	15	12-24VDC	1.3-0.6	1503 (Diffuse)	2337 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC1530D			120-277VAC	0.15-0.06			T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC1534D			120-250VDC	0.2-0.1			T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC2027D		20	12-24VDC	1.7-0.8	3019 (Diffuse)	2726 (Diffuse)	T5	T5	—	T4A	T4A	—	T4A	T4A	—	T5	T5	—	T4	T4	—
LALC2030D			120-277VAC	0.17-0.08			T5	T5	—	T4A	T4A	—	T4A	T4A	—	T5	T5	—	T4	T4	—
LALC2034D			120-250VDC	0.2-0.1			T5	T5	—	T4A	T4A	—	T4A	T4A	—	T5	T5	—	T4	T4	—
LALC2527D		25	12-24VDC	2.1-1.0	6039 (Diffuse)	4152 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC2530D			120-277VAC	0.18-0.08			T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC2534D			120-250VDC	0.2-0.1			T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC3030D		30	A-18.73 (476)	120-277VAC	0.26-0.11	2726 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC3530D		35	A-18.73 (476)		0.30-0.13	3261 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	T4	—
LALC4030D		40	A-18.73 (476)		0.34-0.15	4152 (Diffuse)	T5	T5	—	T4A	T4A	—	T4A	T4A	—	T5	T5	—	T4	T4	—
LALC4530D		45	A-18.73 (476)		0.38-0.17	5136 (Diffuse)	T5	T5	—	T4A	T4A	—	T4A	T4A	—	T5	T5	—	T4	T4	—
LALC5030D		50	A-18.73 (476)		0.42-0.18	6039 (Diffuse)	T5	—	—	T4A	—	—	T4A	—	—	T5	—	—	T4	—	—

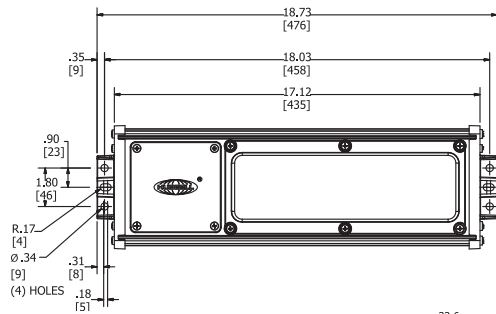
CATALOG NUMBER	WEIGHT	WATTS	LENGTH IN / MM	VOLTAGE	AMPS	LUMENS DIFFUSE/ CLEAR	C1D2 ABCD/ ZONE 2 IIC, IIB, IIA		C1D2 GRPS. EFG SIMULTANEOUS		C2D1 GRPS. EFG		IEC ZONE 2		IEC ZONE 21	
							40°C	50°C	40°C	50°C	40°C	50°C	40°C	50°C	40°C	50°C
LAL18E1330D	21.9 / 9.9	18	B-32.6 (828)	120-277VAC	0.15 - 0.06	2272 / 2479	T6	T6	T4A	T4A	T4A	T4A	T6	T6	T4	T4
LAL28E1330D	21.9 / 9.10	28	B-32.6 (828)		0.23 - 0.10	3321 / 3624	T6	T6	T4A	T4A	T4A	T4A	T6	T6	T4	T4
LAL45E1330D	21.9 / 9.11	45	B-32.6 (828)		0.38 - 0.16	5054 / 5515	T6	T5	T4A	T4A	T4A	T4A	T6	T5	T4	T4
LAL60E1330D	21.9 / 9.12	60	B-32.6 (828)		0.50 - 0.22	7064 / 7709	T6	T5	T4A	T4A	T4A	T4A	T6	T5	T4	T4
LAL80E1330D	34.5 / 15.6	80	D-57.9 (1471)	120-277VAC	0.67 - 0.29	10110 / 11032	T6	T5	T4A	T4A	T4A	T4A	T6	T5	T4	T4
LAL80E2630D	44.5 / 20.2		D-57.9 (1471)		1.00 - 0.43	15090 / 16467	T6	T5	T4A	T4A	T4A	T4A	T6	T5	T4	T4
LAL120E1330D	34.5 / 15.7	120	D-57.9 (1471)	120-277VAC	0.15-0.06	1503 (Diffuse)	T5	T4A	T4A	T4A	T4A	T4A	T5	T4	T4	T4
LAL120E2630D	44.5 / 20.3		D-57.9 (1471)				T5	T5	T4A	T4A	T4A	T4A	T5	T4	T4	T4
LALC15E1330D	12.03 / 4.49	15	A-18.73 (476)		0.17-0.08	2337 (Diffuse)	T5	T4A	T4A	T4A	T4A	T4A	T5	T4	T4	T4
LALC20E1330D		20	A-18.73 (476)				T5	T5	T4A	T4A	T4A	T4A	T5	T4	T4	T4
LALC30E1330D		30	A-18.73 (476)		0.26-0.11	2726 (Diffuse)	T5	T4A	T4A	T4A	T4A	T4A	T5	T5	T4	T4
LALC40E1330D		40	A-18.73 (476)				T5	T5	T4A	T4A	T4A	T4A	T5	T5	T4	T4



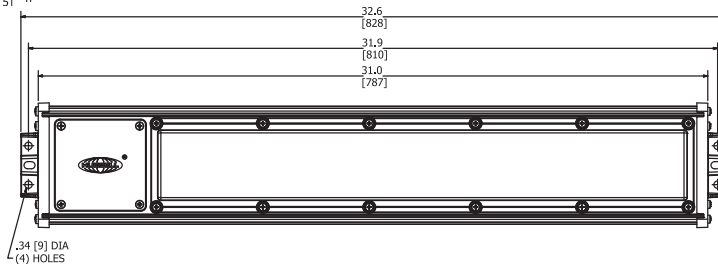
LIGHTING

LAL/LALXE/LALC SERIES

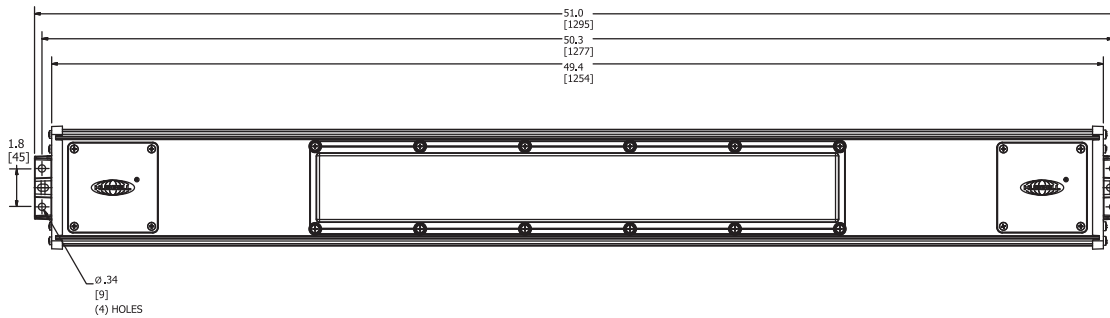
DIMENSIONS AND ACCESSORIES



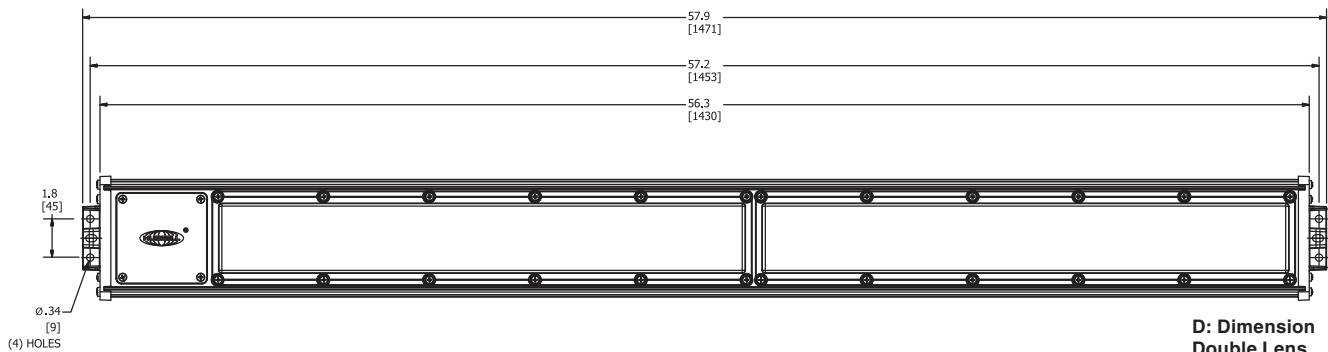
A: Dimensions
for LALC



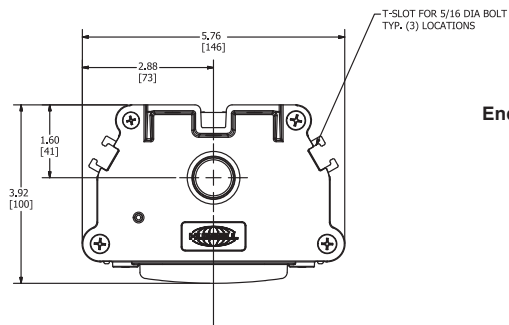
B: Dimension
for Single Lens



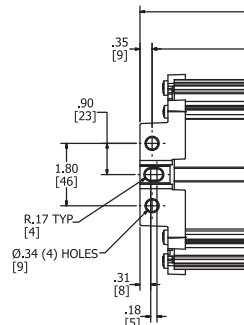
C: Dimension
Single Lens
with approx.
4 foot length
and 2 access
covers



D: Dimension
Double Lens



End Views

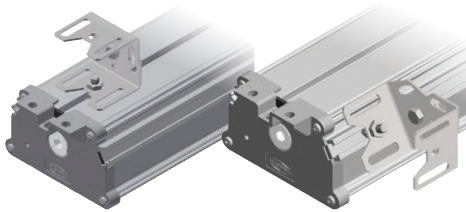


LIGHTING LAL/LALXE/LALC SERIES



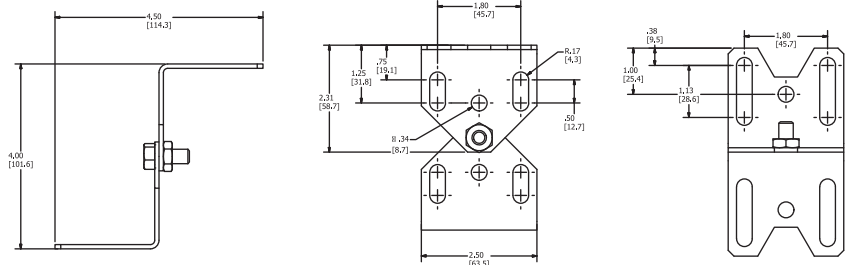
ACCESSORIES AND REPLACEMENT PARTS

ACCESSORIES AND REPLACEMENT PARTS	
LAL-SB	Swivel Bracket Set w/ Adjustable Height; includes 5/16" bolts/nuts/lock-washers for attachment to LAL(C) "slots"; can also be attached to end cap mounting feet with FBO bolts.
LZCB	Ceiling Bracket Set with Stainless Steel Bolts to attach to LAL(C) "slots"
LZWB	Wall Bracket Set with Stainless Steel Bolts to attach to LAL(C) "slots"
LAL-BC	Steel/malleable Iron with Zinc electroplate for corrosion resistance; includes Stainless Steel Bolts to attach to LAL(C) "slots"
LAL-EB	Eyebolt Set with Stainless Steel Bolts to attach to LAL(C) "slots"
VMSC10	10' Stainless Steel Safety Cable with loop grip
LALG	Stainless Guard for 1 LAL Lens, order two for 2 lens models
LALCG	LALC Stainless Guard
LAL-LENSCLR	Single Clear Lens with Gasket for LAL Series
LAL-LENSDIF	Single Diffuse Lens with Gasket for LAL Series
LALC-LENSDIF	Single Diffuse Lens with Gasket for LALC Series



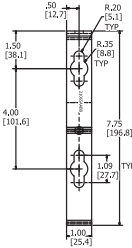
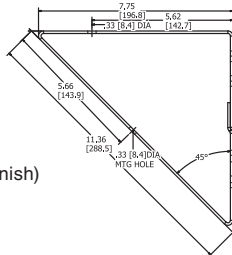
LAL-SB on Center Slot

LAL-SB on 45° Slot

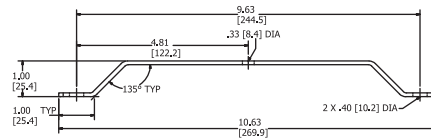


LAL-SB Dimensions – extended shown

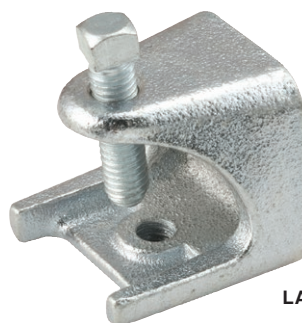
Wall Bracket Set
Part Number LZWB
Stainless Steel (natural finish)



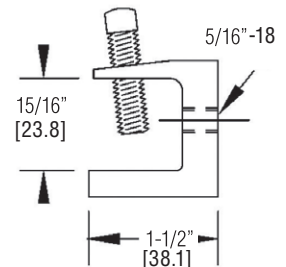
Ceiling Bracket Set
Part Number LZCB
Stainless Steel (natural finish)



VMSC10 Safety Cable



LAL-BC Beam Clamp





LIGHTING
LALFP SERIES

LALFP

Linear LED Food Processing Fixture

Maintenance free
long-lasting LEDs

NSF Certified with
Impact Resistant
polycarbonate lens

All exterior
stainless steel
hardware

Large wiring
access for ease
of installation

Extremely durable copper-free
aluminum mounting feet and
access plate with anodized
aluminum housing

90 or 180 minute emergency
with Self-diagnostics in
accordance with
NFPA 101® Life Safety Code



LINEAR LED TECHNOLOGY

LINEAR*LITE*TM✱
✱ R marca registrada MEXICO



Class I, Div. 2, Groups A, B, C, D
Class I, Zone 2, Groups IIC, IIB, IIA
Class II, Div. 1 & 2, Groups E, F, G
AEx nAII, Ex nAII

Wet Locations

Type 4X

IP66/IP67

Marine Rated (US only)

ABS Type Approval

NSF Food Handling (2022)



Certified - File LR11713

IECEx Rated

Zone 2 and Zone 21 areas

Ex nA IIC T6 to T3, Gc

Ex tb IIC T95°C Db

Tamb -50°C < Tz < +65°C, IP66

IECEx Certificate

QPS 15.0010

ATEX Certificate

CML 15ATEX3082X Iss 2

CML 15ATEX4081X Iss 2

FEATURES-SPECIFICATIONS

Features

LALFP & LALFPxiE

- LALFPxiE models have “built-in” battery backup for 90 or 180 minute battery backup
- Shallow design minimizes profile in work areas with low ceiling heights
- Diffuse Lens Standard to minimize glare; Clear Lens available
- Polycarbonate Single Lens L1 & L3; Double Lens model L5
- Variety of mounting options including swivel brackets, wall, ceiling brackets, or beam clamps
- End Caps each have 2 mounting feet built-in plus a safety strap attachment point
- Standard unit End Caps each have single a 3/4" NPT hub, and fixture is furnished with one 3/4" close-up plug and two 3/4" to 1/2" reducers – provides out of the box 1/2" dead-end to 3/4" feed-through flexibility. Metric openings are available.
- Standard LALFPs have one wiring Access Plate for easy access to terminal block.

LED Features

- Many Midpower LEDs blend light to simulate fluorescent tubes
- Chromaticity outputs:
standard – 5000K 70 CRI
3590 option – 3500K 90 CRI
3070 option – 3000K 70 CRI
- 3590 option is not available with the L1 length
- 3070 option is only available on L1 length and the 2 & 4 lumen outputs
- LED Array Life – 100,000+ hours with 70% initial lumens
- Long Fixture Life – 50,000 - 55,000 maintenance free hours

Materials

- Housing – one piece clear anodized < .1% copper-free aluminum extrusion
- Endcaps & wiring – Access covers are copper-free (< .4%) aluminum with natural finish.
- External screws are 316 stainless steel
- Lens – Impact resistant polycarbonate lens available in diffuse or clear

Electrical Ratings

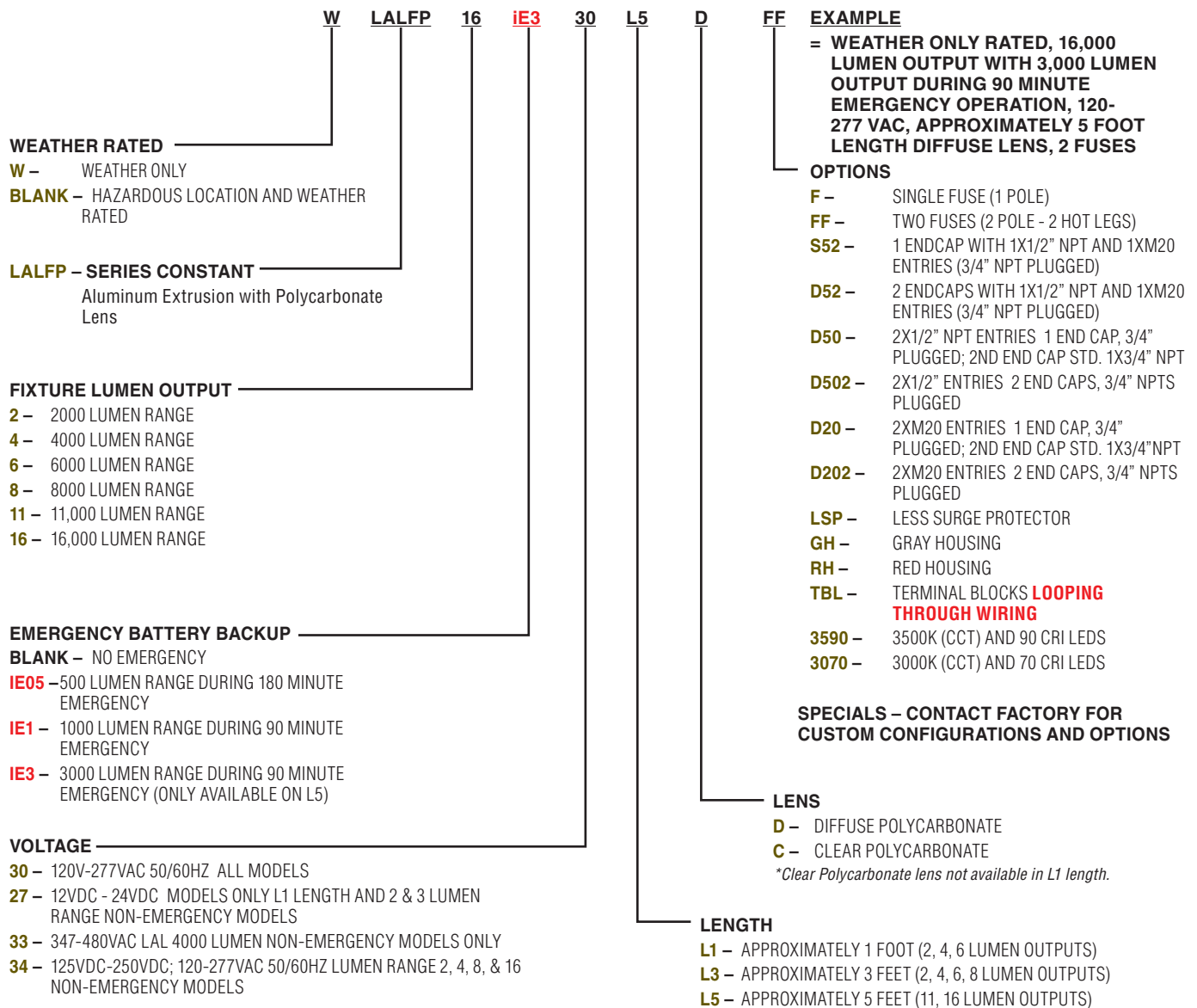
- Ambient suitability -40°C to 65°C (see tables). **-20°C to 50°C Ambient suitability for Emergency models.**
- Instant On – Including after power interruption
- World Voltage 120 - 277VAC 50/60Hz
- Solder-LESS LED Board Connections – Vibration Resistant
- Supplemental 20KA/10KV Surge Protection is standard (for 120-277 VAC models) 10KA/10KV Surge Protection (for 347-480 VAC)



LIGHTING

LALFP SERIES

CATALOG LOGIC



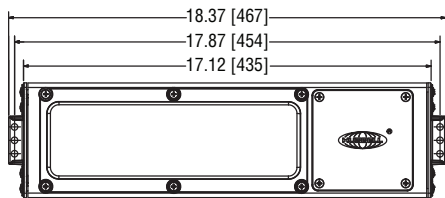
ENERGY SAVINGS

LED VS FLUORESCENT WATTAGE & DELIVERED LUMENS					
CATALOG NUMBER	LUMENS	L/W	FLUORESCENT	LUMENS	L/W
LALFP230L3C	2479	138	40W 1x40W BX	2471	63
LALFP430L3C	3624	129	55W 1x55W BX	3766	65
LALFP830L3C	7709	128	120W 2x60T12HO	6965	56
LALFP1130L5C	11032	138	162W 3x54T5HO	11619	65

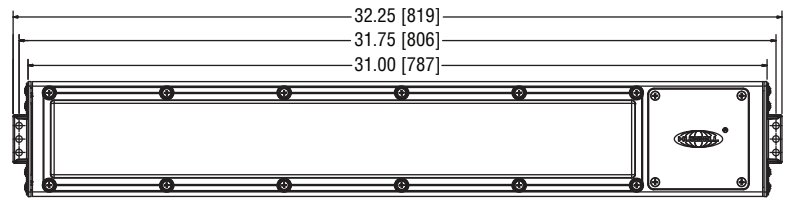


ORDERING INFORMATION / DIMENSIONS

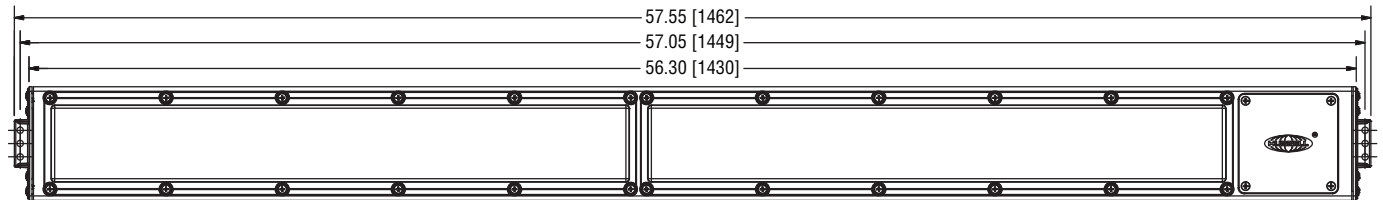
ORDERING INFORMATION AND AMBIENT SUITABILITY							C1D2 A,B,C,D/ ZONE 2 IIC, IIB, IIA			C1D2 E, F, G SIMULTANEOUS			C2D1 E, F, G			IEC ZONE 2			IEC ZONE 21	
CATALOG NUMBER	WEIGHT LBS./KG	WATTS	LENGTH IN / MM	VOLTAGE	AMPS	LUMENS DIFFUSE/CLEAR	40°C	55°C	65°C	40°C	55°C	65°C	40°C	55°C	65°C	40°C	55°C	65°C	40°C	65°C
LALFP230L1D	12.03 / 4.49	15	18.73 / 476	120/277 VAC 50/60 Hz	0.15-0.06	1503 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	—
LALFP230L3D	17.90 / 8.1	18	32.6 / 828		0.15 - 0.06	2272 / 2479	T6	T6	T6	T4A	T4A	T4A	T4A	T4A	T4A	T6	T6	T5	T4	T4
LALFP230L4D	12.90 / 9.9		51 / 1295				T6	T6	T6	T4A	T4A	T4A	T4A	T4A	T4A	T6	T6	T5	T4	T4
LALFP430L1D	12.03 / 4.49	35	18.73 / 476		0.30-0.13	3261 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T4	—	T4	—
LALFP430L3D	17.90 / 8.1	28	32.6 / 828		0.23 - 0.10	3321 / 3624	T6	T6	T5	T4A	T4A	T4A	T4A	T4A	T4A	T6	T6	T5	T4	T4
LALFP430L4D	12.90 / 9.9		51 / 1295				T6	T6	T5	T4A	T4A	T4A	T4A	T4A	T4A	T6	T6	T5	T4	T4
LALFP630L1D	12.03 / 4.49	45	18.73 / 476		0.38-0.17	5136 (Diffuse)	T5	T4A	—	T4A	T4A	—	T4A	T4A	—	T5	T5	—	T4	—
LALFP630L3D	17.90 / 8.1	45	32.6 / 828		0.38 - 0.16	5054 / 5515	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	T5	T4	T4
LALFP630L4D	12.90 / 9.9		51 / 1295				T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	T5	T4	T4
LALFP830L3D	17.90 / 8.1	60	32.6 / 828		0.50 - 0.22	7064 / 7709	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	—
LALFP830L4D	12.90 / 9.9		51 / 1295				T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	—
LALFP1130L5D	36.50 / 16.6	80	57.9 / 1471		0.67 - 0.29	10110 / 11032	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	—
LALFP1630L5D	36.50 / 16.6	120	57.9 / 1471		1.00 - 0.43	15090 / 16467	T6	T5	—	T4A	T4A	—	T4A	T4A	—	T6	T5	—	T4	—



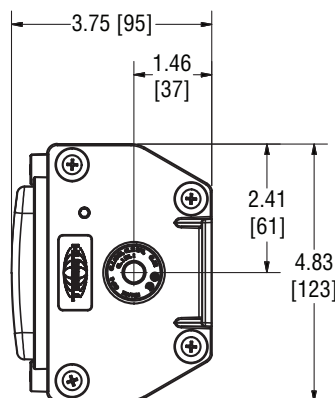
LALFP-L1 Single Access Panel



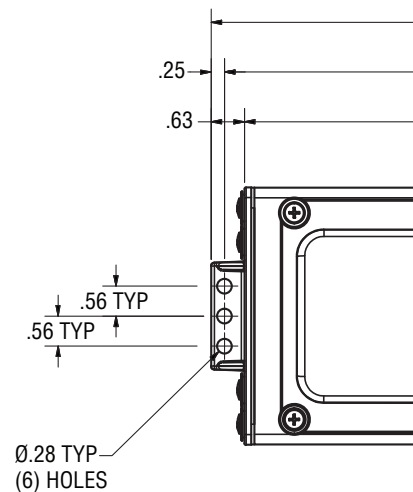
LALFP-L3 Single Access Panel



LALFP-L5 Single Access Panel



End View



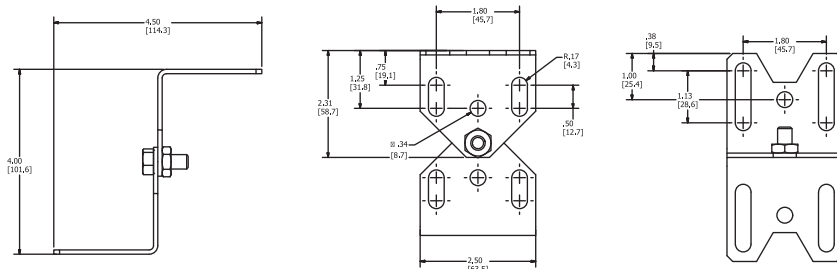


LIGHTING

LALFP SERIES

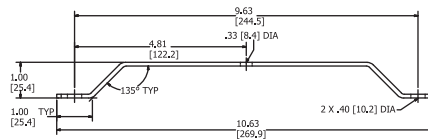
ACCESSORIES AND REPLACEMENT PARTS

ACCESSORIES AND REPLACEMENT PARTS	
LAL-SB	Swivel Bracket Set w/ Adjustable Height; includes 5/16" bolts/nuts/lock-washers for attachment to LAL(C) "slots; can also be attached to end cap mounting feet with FBO bolts.
LZCB	Ceiling Bracket Set with Stainless Steel Bolts
LZWB	Wall Bracket Set with Stainless Steel Bol
LAL-BC	Steel/malleable Iron with Zinc electroplate for corrosion resistance; includes Stainless Steel Bolts to attach to LAL(C) "slots"
LAL-EB	Eyebolt Set with Stainless Steel Bolts
VMSC10	10' Stainless Steel Safety Cable with loop grip
LALG	Stainless Guard for 1 LAL Lens, order two for 2 lens models
LALCG	LALC Stainless Guard
LAL-LENSCLR	Single Clear Lens with Gasket for L3 & L5 Lengths
LAL-LENSDIF	Single Diffuse Lens with Gasket for L3 & L5 Lengths
LALC-LENSDIF	Single Diffuse Lens with Gasket for L1 Length

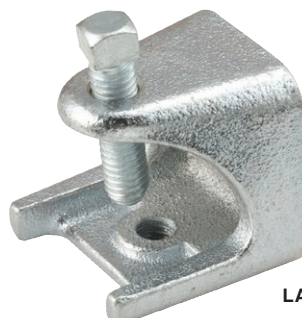


LAL-SB Dimensions – extended shown

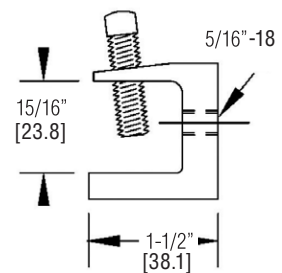
Ceiling Bracket Set Part Number LZCB Stainless Steel (natural finish)

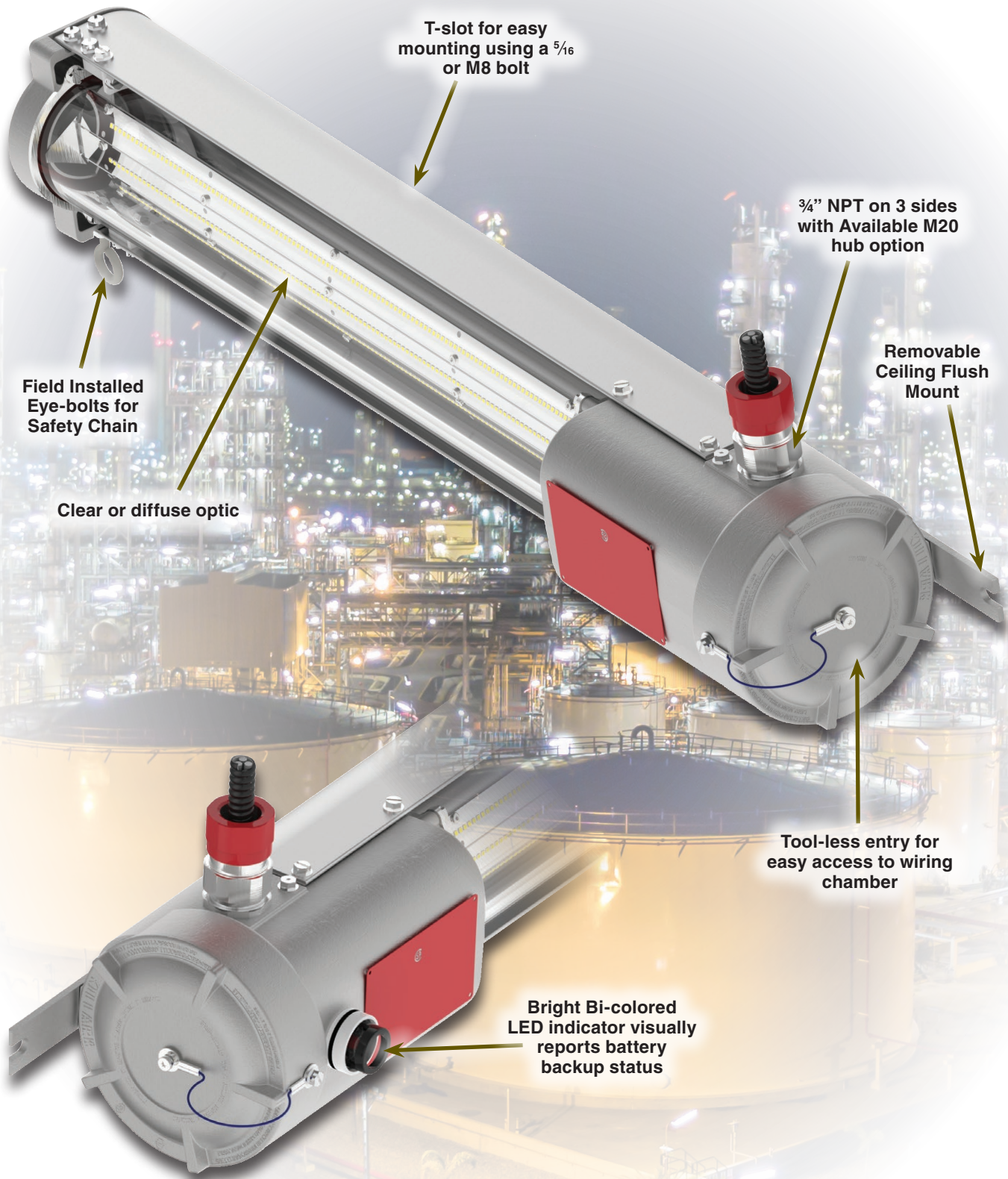


VMSC10 Safety Cable



LAL-BC Beam Clamp







LIGHTING L1L SERIES

LED FIXTURES

LINEAR[®]LITE[™]*

* R marca registrada MEXICO



Class I, Div. 1 & 2, Groups B, C, D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E, F, G
Class III, Div. 1 & 2

IP66

Suitable for wet locations

Suitable for paint spray booths



File - LR11713



Zone 1, Zone 21

Ex db op is IIB+H2 T6 Gb

Ex tb op is IIIC T85°C Db, IP66

Tamb:

-20°C to +55°C (7-12K Standard)

-20°C to +50°C (7-12K Battery Backup)

-20°C to +40°C (14K Battery Backup and Standard)



IECEx Certificate

QPS 19.0005X

ATEX Certificate

CML 19ATEX1289X

FEATURES-SPECIFICATIONS

Features

- Industry-Leading efficacy: up to 153 LPW
- Standard 5000K CCT @ 70 CRI minimum
- Option 3500K CCT @ 90 CRI minimum
- 20kV / 10kA surge protection on standard fixture
- T-slot mounting for the ultimate in easy mounting
- Self-testing and self-diagnostics on battery backup fixtures
- Angled LED boards for wider mounting distances
- Terminal blocks standard
- Low Profile
- Tool-less access to wiring chamber
- Diffuser option available
- 5 year fixture warranty

Material:

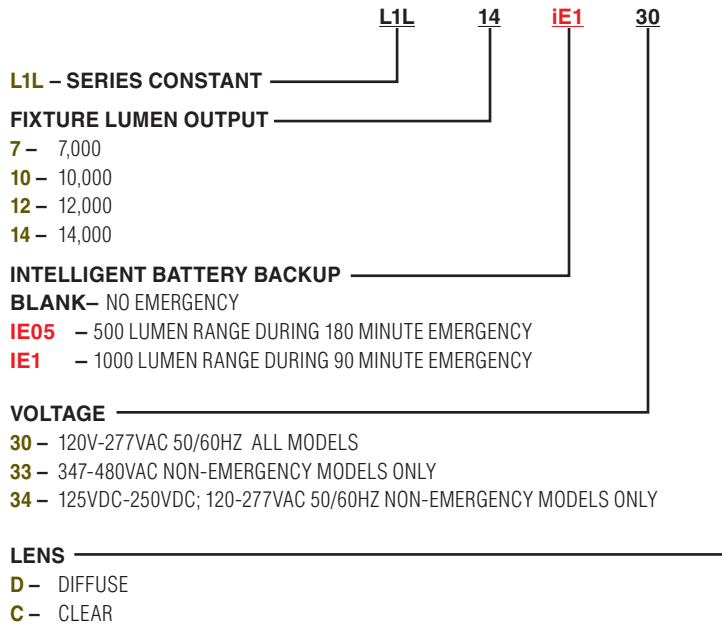
- Construction is strong lightweight corrosion-resistant copper-free aluminum alloy, less than 1/10 of 1%
- All external hardware is corrosion resistant 316 stainless steel

Electrical Ratings:

- 125 thru 250 VDC
- 120 thru 277 VAC, 50/60Hz
- 347 thru 480 VAC, 50/60Hz
- 20kV / 10kA surge protection on standard fixture
- Battery Duration: 90mins 10W, 180 mins 5W
- Terminal Size: 10AWG



CATALOG LOGIC / ORDERING INFORMATION



EXAMPLE

= L1L 14,000 LUMEN OUTPUT WITH 1,000 LUMEN OUTPUT DURING 90 MINUTE EMERGENCY OPERATION, 120-277VAC, DIFFUSE LENS, 2 FUSES

OPTIONS

- F** – SINGLE FUSE (1 POLE)
- FF** – TWO FUSES (2 POLE - 2 HOT LEGS)
- LSP** – LESS SURGE PROTECTOR
- GH** – GRAY HOUSING
- RH** – RED HOUSING
- WH** – WHITE HOUSING
- TBL** – TERMINAL BLOCKS **LOOPING THROUGH WIRING**
- YH** – YELLOW HOUSING
- 3590** – 3500K LED @ 90 CRI
- D20** – (3) M20 ENTRIES
- D25** – (3) M25 ENTRIES

SPECIALS – CONTACT FACTORY FOR CUSTOM CONFIGURATIONS AND OPTIONS

QUAD - IECEX, ATEX, NEC, & CEC CERTIFIED

ORDERING INFORMATION AND AMBIENT SUITABILITY						C1D1		C2D1			
CATALOG NUMBER	WEIGHT LBS./ KG	WATTS	VOLTAGE	AMPS	DELIVERED LUMENS CLEAR/ DIFFUSE	40°C	55°C	40°C	55°C		
L1L730D	26/11.8	46	120-277	0.4-0.2	7,147 / 5,598	T6	T6	T6	T5		
L1L7IE0530D	28/12.7										
L1L7IE130D											
L1L733D	26/11.8		347-480	0.13-0.10							
L1L734D			105-250	0.4-0.2							
L1L1030D	26/11.8	75	120-277	0.6-0.3	10,109 / 7,926	T6	T6	T6	T5		
L1L10IE0530D	28/12.7										
L1L10IE130D											
L1L1033D	26/11.8		347-480	0.22-0.16							
L1L1034D			105-250	0.7-0.3							
L1L1230D	26/11.8	88	120-277	0.7-0.3	11,500 / 8,919	T6	T6	T6	T5		
L1L12IE0530D	28/12.7	80									
L1L12IE130D											
L1L1233D	26/11.8	88								347-480	0.3-0.2
L1L1234D										105-250	0.8-0.4
L1L1430D	26/11.8	93	120-277	0.8-0.3	13,800 / 10,649	T6	—	T6	—		
L1L14IE0530D	28/12.7										
L1L14IE130D											
L1L1433D	26/11.8		347-480	0.3-0.2							
L1L1434D			105-250	0.9-0.4							



LIGHTING L1L SERIES

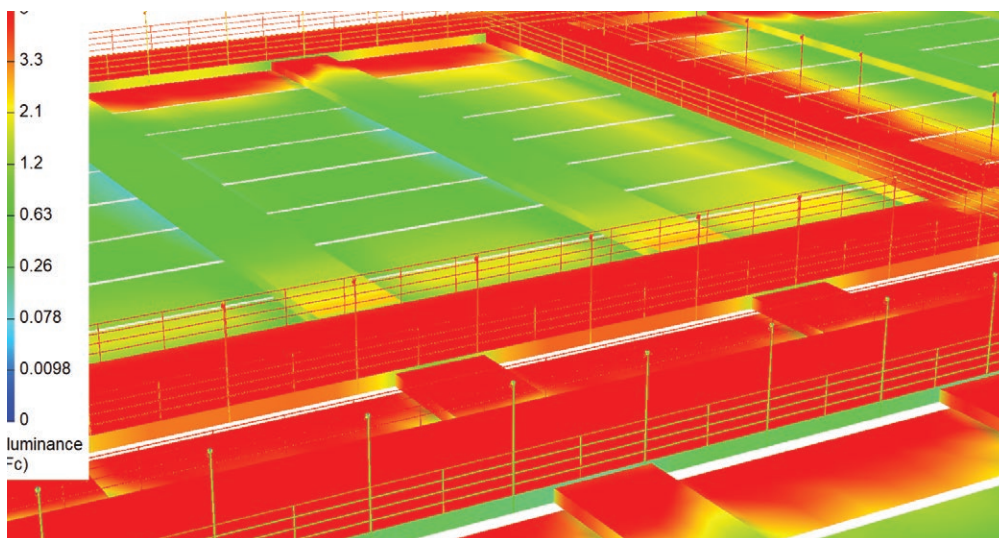
HIGH WATTAGE SELF-TESTING BATTERY BACKUP

Electronics Includes:

- Self-diagnostics monitors LED status, LED driver circuit, battery capacity and charger function and displays any fault detection by means of a flashing code
- Self-Test feature automatically runs a 1 minute test once a month and an alternating 30-60 minute test once every 6 months. LED indicator provides visible fault detection and charging status
- 15 minute re-transfer delay
- Automatic unit transfer in brown-out conditions (below 80% of nominal AC input voltage)

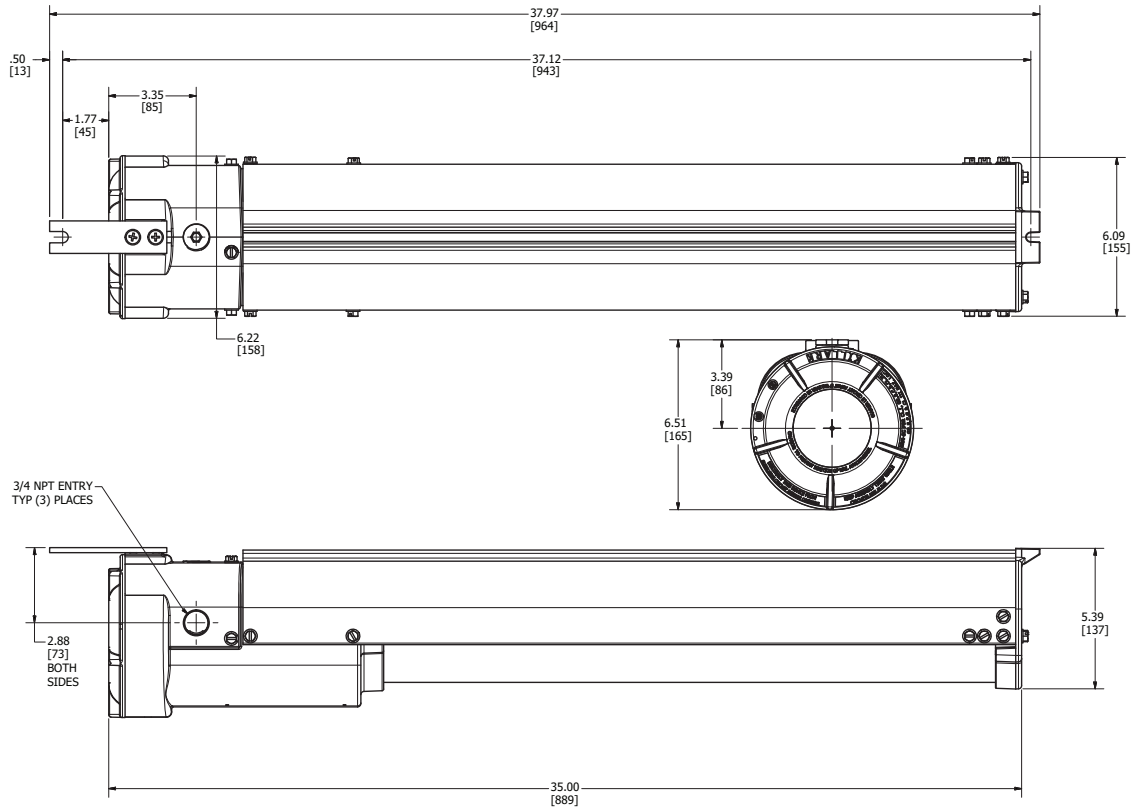
TEST SWITCH INDICATOR STATUS	
LED INDICATORS STATUS	EM DRIVER STATUS/MODE
Solid Green	System OK/AC OK (Self-diagnostic Enabled or Disabled).
Slow Flashing Red, 4s on/1s off	Battery not detected, check battery switch or connection.
Flashing Red, 1s on/1s off	Battery Failure, replace battery.
Flashing Green, 1s on/1s off	Self Diagnostic test underway.
Fast Flashing Red, 0.1s on/0.1s off	Abnormal driver performance, replace driver.
Very Slow Flashing Red, 4s on/4s off	Over temperature.
None. Both LEDs OFF	Normal working in EM mode.
Green/Red alternative flashing, 1s green/1s red	No load or output over voltage protection triggered.

LED BATTERY BACKUP LIGHTING DESIGN

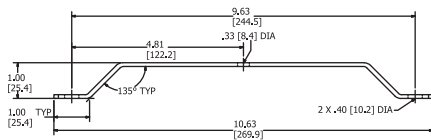




DIMENSIONS



Ceiling Bracket Set Part Number LZCB Stainless Steel (natural finish)

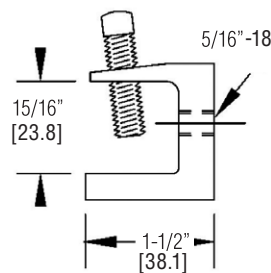


L1L-GUARD



VMSC10 Safety Cable

ACCESSORIES

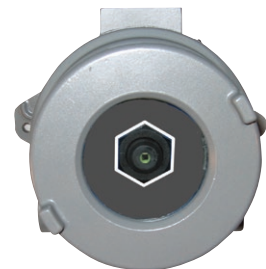


LAL-BC Beam Clamp

Class I, Div. 1 & 2, Groups B, C, D
Class II, Div. 1 & 2, Groups E, F, G
Class III
Type 3, 4X
IP66



FACTORY SEALED



HKB - GL PHOTO CELLS

CATALOG NUMBER ①	VOLTS
VMHKXPC1	120VAC
VMHKXPC2	208-277VAC
VMHKXPC3	347VAC

① 40°C ambient, T3 Rated